1. Integer a[5]={5,1,15,2,25};

Integer I,j,m;

i=++a[1];

j=a[1]++;

m=a[i++];

print I,j,m;

1. **3 2 15**
2. 2 3 10
3. 2 1 15
4. 1 2 5
5. What does the following declaration mean? int(\*ptr)[10];
6. Ptr is array of pointers of 10 integers
7. **Ptr is a pointer to an array of 10 integers**
8. Ptr is an array of 10 integers
9. Ptr is an pointer to array
10. Determine output

Integer i=5;

Print i++,i--,++i,--i,i;

Printf(“%d %d %d %d %d”, i++,i--,++i,--i,i);

**A.45545**

B.54544

C.55445

D.54554

4. Determine output

Integer i=-1,j=-1,k=0,l=2,m

M=i++ && j++ && k++ || l++

Print i,j,k,l,m

1. 0 0 1 2 0
2. 0 0 1 3 0
3. **0 0 1 3 1**
4. 0 0 0 2 1
5. Determine output

Static Integer i=i++,j=j++,k=k++

Print i,j,k

1. **1 1 1**
2. 0 0 0
3. Garbage values
4. Error
5. Determine output

Integer i=i++,j=j++,k=k++

Print i,j,k

1. 1 1 1
2. 0 0 0
3. **Garbage values**
4. Error
5. Integer arr[10] ={1,2,3,4,5}

Print arr[5]

1. Garbage value
2. 5
3. 6
4. **0**
5. None of the above

1. What will be the output if array begins at address of 65486?

Integer arr={12,14,15,21,45}

Print arr, &arr

1. 65486,65468
2. 65486,65490
3. 65486,65487
4. **65486,65486**
5. None of these
6. The seven elements A,B,C,D,E,F and Gare pushed onto a stack in reverse order. i.e starting from G. The stack is popped 5 times and each element is inserted into a queue, two elements are deleted from the queue & pushed back on the stack. Now one element is popped from the stack. The popped item is.
7. F
8. G
9. A
10. **B**
11. What does the following function do for a given linked list with the first node as head?

Void fun1(struct node\* head)

{

If(head==NULL)

return;

fun1(head->next);

printf(“%d “, head->data);

}

1. Prints all nodes of linked lists
2. **Prints all node of linked list in reverse order**
3. Prints alternate nodes of Linked List
4. Prints alternate nodes in reverse order

11. let x be an array. which of the following operations are illegal?

I. ++x

ii. x+1

iii. x++

iv. x\*2

1. I and ii
2. **I ,ii and iii**
3. Ii and iii
4. I , iii and iv
5. Iii and iv

12.What is the output of following function for start printing to first node of Following linked list

1->2->3->4->5->6

Void fun(struct node\* start)

{

If(start==NULL)

return;

printf(“%d “, start->data);

if(start->next !=null)

fun(strat->next->next);

printf(“%d “start->data);

}

1. 1 4 6 6 4 1
2. 1 3 5 1 3 5
3. 1 2 3 5
4. **1 3 5 5 3 1**

13. Character p

Character a[10]={1,2,3,4,5,6,9,8}

P={a+1}[5]

Print p

1. 5
2. 6
3. **9**
4. Error
5. None of the above

14. The following steps in linked list

p= getnode()

Info(p)=10

next (p) = list

list = p

result in which type of operation?

1. Pop operation in stack
2. Removal of a node
3. **Inserting a node**
4. Modifying an existing node

15 In a doubly linked list the number of pointers affected for an insertion operation will be

1. 4
2. 0
3. 1
4. **None of these**